

# Sequence Listing

<110> Mark S. Dennis

<120> FVIIa Antagonists

<130> P1639R1

<150> US 60/147,627

<151> 1999-08-06

<150> US 60/150,315

<151> 1999-08-23

<160> 100

<210> 1

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<400> 1

Ser	Ala	Glu	Trp	Glu	Val	Leu	Cys	Trp	Thr	Trp	Glu	Gly	Cys	Gly
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Ser	Val	Gly	Leu	Val
				20

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<400> 2

Ser	Glu	Glu	Trp	Glu	Val	Leu	Cys	Trp	Thr	Trp	Glu	Asp	Cys	Arg
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Leu	Glu	Gly	Leu	Glu
				20

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<400> 3

Trp	Glu	Val	Leu	Cys	Trp	Thr	Trp	Glu	Asp	Cys	Glu	Arg
1				5				10				

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Trp	Glu	Val	Leu	Cys	Trp	Thr	Trp	Glu	Thr	Cys	Glu	Arg
1				5				10				

<210> 5

<211> 13

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  Trp Glu Val Val Cys Trp Thr Trp Glu Thr Cys Glu Arg
    1             5             10

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  Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
    1             5             10             15

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  Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
    1             5             10

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  Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
    1             5             10

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    1             5             10

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Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
1 5 10

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Cys Trp Thr Trp Glu Asp Cys Arg  
1 5

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<400> 13  
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1 5

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1 5

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Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly

1	5	10	15
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Glu

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<400> 18  
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Gly Glu Gly

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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Gly

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Trp Lys Val Leu Cys Ala Thr Trp Ala Thr Cys Gln Arg
 1             5             10

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<400> 25
Trp Glu Val Leu Cys Ala Thr Trp Glu Thr Cys Glu Arg
 1             5             10

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<400> 26
Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
 1             5             10             15

Gly Glu Gly Gly Gly Gly Ser Gly Gly
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<400> 27
Glu Ala Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
 1             5             10             15

Gly Glu Gly Gly Gly Gly Ser Gly Gly
                20

<210> 28
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<400> 28
Glu Glu Ala Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
 1             5             10             15

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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<210> 29

<211> 24

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Glu Glu Trp Ala Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<210> 30

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Glu Glu Trp Glu Ala Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 31

Glu Glu Trp Glu Val Ala Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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Glu Glu Trp Glu Val Leu Cys Ala Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<400> 33

Glu Glu Trp Glu Val Leu Cys Trp Ala Trp Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly

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1 5 10 15  
Gly Glu Gly Gly Gly Gly Ser Gly Gly  
20

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1 5 10 15  
Gly Glu Gly Gly Gly Gly Ser Gly Gly  
20

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1 5 10 15  
Gly Glu Gly Gly Gly Gly Ser Gly Gly  
20

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<400> 38  
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1 5 10 15  
Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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 Ala Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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   1                  5                  10                  15  
  
 Gly Ala Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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   1                  5                  10                  15  
  
 Gly Glu Ala Gly Gly Gly Ser Gly Gly  
                   20  
  
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   1                  5                  10                  15  
  
 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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   1                  5                  10                  15  
  
 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20



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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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     1                    5                    10                    15  
  
 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Leu Glu Thr Cys Glu Arg  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Gln Thr Cys Glu Arg  
   1                  5                  10                  15  
  
 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
 <210> 53  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Lys  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                   20  
  
 <210> 54  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Leu  
     1                    5                    10                    15  
  
 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Glu Glu Trp Glu Val Leu Ala Trp Thr Trp Glu Thr Ala Glu Arg  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu  
     1                    5                    10                    15  
  
 Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Glu Glu Phe Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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<400> 59

Glu Glu Leu Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
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Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<210> 60

<211> 22

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<400> 60

Phe Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu  
1 5 10 15

Gly Gly Gly Gly Ser Gly Gly  
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<210> 61

<211> 22

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Phe Glu Val Leu Cys Met Thr Trp Glu Thr Cys Glu Arg Gly Glu  
1 5 10 15

Gly Gly Gly Gly Ser Gly Gly  
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<210> 62

<211> 24

<212> PRT

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Glu Glu Tyr Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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<210> 63

<211> 24

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Glu Glu Trp Glu Val Leu Cys Tyr Thr Trp Glu Thr Cys Glu Arg  
1 5 10 15

Gly Glu Gly Gly Gly Gly Ser Gly Gly  
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 Gly Glu Gly Gly Gly Gly Ser Gly Gly  
                     20  
  
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 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Trp  
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 Lys Glu Gly Gly Gly Gly Ser Gly Gly  
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 Ser Val Trp Pro Gly  
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 Phe Gly Ser Leu Val  
                     20  
  
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     1                    5                    10                    15  
  
 Pro Met Asp Pro Ala  
                     20  
  
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Arg Asp Gly Trp Glu Val Val Cys Trp Glu Trp Glu Gly Cys Glu
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Arg Ala Val Asp Val
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<400> 70
Ser Gly Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Ala Cys Gly
 1             5             10             15

Trp Glu Ser Gly Glu
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Ser Thr Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Gly Cys Gly
 1             5             10             15

Trp Gly Gly Ile Glu
                20

<210> 72
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Ser Asp Glu Trp Glu Val Val Cys Trp Thr Trp Glu Ala Cys Glu
 1             5             10             15

Thr Val Gly Leu Gly
                20

<210> 73
<211> 20
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<400> 73
Ser Ala Glu Trp Glu Val Ile Cys Trp Thr Trp Glu Ser Cys Glu
 1             5             10             15

Trp Gly Gly Leu Gly
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<210> 74
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Ser Ala Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Glu Cys Gly  
1 5 10 15

Ser Val Trp Pro Pro  
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<210> 75

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Thr Ala Gly Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Gly  
1 5 10 15

Pro Leu Gly Pro Val  
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<210> 76

<211> 18

<212> PRT

<213> Artificial Sequence

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Ala Trp Glu Val Leu Cys Trp Ala Trp Glu Asp Cys Glu Arg Gly  
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Ala Gly Ser

<210> 77

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

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Ala Trp Glu Val Val Cys Trp Ser Trp Glu Thr Cys Glu Arg Gly  
1 5 10 15

Glu Thr Pro

<210> 78

<211> 18

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<400> 78

Glu Trp Glu Val Val Cys Trp Ala Trp Glu Thr Cys Glu Arg Gly  
1 5 10 15

Glu Arg Gln

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<211> 18

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1 5 10 15

Ile Thr Leu

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Glu Arg Val

<210> 81  
<211> 18  
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Gly Trp Glu Val Val Cys Trp Ser Trp Glu Ser Cys Ala Arg Gly  
1 5 10 15

Asp Leu Glu

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1 5 10

<210> 83  
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1 5 10

<210> 84  
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<210> 85  
<211> 13



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Glu Gln Arg Asn Ala Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser  
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